

**A&E NEWS INDEX 1966**

The following index is a quick reference guide to all technical articles published in ARCHITECTURAL & ENGINEERING NEWS during the past year. It is classified by topic and may be detached for filing.

**AUTOMATION**

How one office uses computers (June)  
Reducing specifications rewriting (Sept.)

**COLOR**

Labeling the rainbow (Oct.)

**COMMUNICATION AND CONTROL**

Apartment house television: designing the master antenna system (Mar.)  
A bit of history (Mar.)  
Building alarm and surveillance systems: a guide (Mar.)  
Closed circuit television (Mar.)  
Communications at work: four case histories (Mar.)  
Comparing building control systems (Mar.)  
Designing the building control center (Mar.)  
Intercom systems (Mar.)  
Space for the telephone system (Mar.)  
Spreading impact of communications on buildings (Mar.)

**CONCRETE**

The bearing wall (Sept.)  
A rounded view of structural materials (Sept.)

**CURTAIN WALLS**

Avoiding trouble with curtain walls (Nov.)  
Half-timber construction (Nov.)  
When glass becomes structure (Nov.)

**ELECTRICAL ENGINEERING (see MECHANICAL AND ELECTRICAL SYSTEMS)****ELEVATORS / ESCALATORS**

How much elevator? (Aug.)  
Moving sidewalks (Aug.)

**FIRE CONTROL**

Fire retardant paints for metals (Feb.)

**GLASS**

FRP: perfect servant? (July)  
New design directions for glass (Apr.)

Preventing failure in heat absorbing glass (Apr.)  
Specifying and installing mosaics (Apr.)  
When glass becomes structure (Nov.)  
Wind load: relating speed to pressure (Apr.)

**INTERIORS**

Details that count (Oct.)  
Gas infrared heaters (Oct.)  
Labeling the rainbow (Oct.)  
Light sources and light control (Oct.)  
Paving interiors with brick (Apr.)  
Plugged-in schoolroom (Oct.)  
The pursuit of comfort (Oct.)

**LIGHTING**

The complex after dark (June)  
Light sources and light control (Oct.)  
A place for the lighting consultant? (Nov.)  
Reflections on the November blackout (Mar.)

**MASONRY**

The bearing wall (Sept.)  
Brick walls to new heights (Apr.)  
Formula makes limestone hard as rock (Apr.)  
Granite-glass wall system (Apr.)  
Metallic waterproofing (Nov.)  
New methods with marble (Apr.)  
Paving interiors with brick (Apr.)  
Prestressing granite (Apr.)  
Specifying and installing mosaics (Apr.)

**MECHANICAL AND ELECTRICAL SYSTEMS**

Barriers against draft (July)  
The case for exterior floodlighting (May)  
Choice of sheet metal for ducts (Feb.)  
Fuel cells: pro and con (Sept.)  
Gas infrared heaters (Oct.)  
Mechanical engineer-owner relationships (Apr.)  
Noise problems with lamp ballasts (Aug.)  
A place for the lighting consultant? (Nov.)  
Reflections on the November blackout (Mar.)  
Servicing the complex (June)

**METALS**

Avoiding trouble with curtain walls (Nov.)  
Building uses for unconventional metals (Feb.)  
Choice of sheet metal for ducts (Feb.)  
Designing steel columns: a simplified method (Sept.)  
Metallic waterproofing (Nov.)  
Review of new techniques, developments in metal finishes (Feb.)  
Revolving doors (Nov.)  
A rounded view of structural materials (Sept.)  
Things to come: preview of advances in metals (Feb.)

**MODERNIZATION**

The Chicago Auditorium: a restoration (Jan.)  
'Vertical zoning': a building for all uses (June)  
Designing for maintenance (Jan.)

**MOTION**

Motion in architecture and the architecture of motion (Aug.)  
Movement en masse (Aug.)  
Moving sidewalks (Aug.)  
Revolving doors (Nov.)  
Simulating space (Aug.)  
Stairs (Aug.)

**OFFICE PRACTICE**

Arbitrating construction disputes (Sept.)  
Architects held liable for failure to inspect construction (Nov.)  
Check lists of drafting room practices (Feb., Mar., Apr., May)  
Critical Path Method consultant (Dec.)  
Drafting technology (Dec.)  
How one office uses computers (June)  
Professional liability insurance (Oct.)  
Reducing specifications rewriting (Sept.)  
Reproduction technology (Dec.)  
Simplifying the specification (Dec.)  
Simulating space (Aug.)

**PLASTICS**

Building with urethane (July)  
FRP: perfect servant? (July)  
New coatings and finishes (July)  
Plastics: adding to the 1% (July)

Roofing with butyl (July)  
Sealants unsealed (July)  
Seeing through plastics (July)  
Should plastics be used for piping?  
(Jan.)

#### **PREFABRICATION**

'Pre-engineered' buildings (Sept.)

#### **ROOFS**

Roofing with butyl (July)  
Roofing with seamless terne (Feb.)  
Roofs and responsibility (Nov.)  
Stainless roofs (Nov.)

#### **SANITARY ENGINEERING**

Draining plazas (June)  
Should plastics be used for piping?  
(Jan.)  
Waste disposal systems (Oct.)

#### **SCHOOLS**

Plugged-in schoolroom (Oct.)

#### **SEALANTS**

Building with urethane (July)  
Plastics: adding to the 1 % (July)  
Sealants unsealed (July)

#### **STRUCTURAL DESIGN**

The bearing wall (Sept.)  
Defining the essence of structure (Apr.,  
May, June)  
Designing steel columns: a simplified  
method (Sept.)  
Half-timber construction (Nov.)  
Light-weight lids (Sept.)  
Nature's structures (Sept.)  
New directions in structural design  
(Sept.)  
'Pre-engineered' buildings (Sept.)  
A rounded view of structural materials  
(Sept.)  
Selecting the framing system (Sept.)  
Single column supports welded prison  
towers (Feb.)  
When glass becomes structure (Nov.)  
Wind load: relating speed to pressure  
(Apr.)

#### **URBAN PLANNING**

The complex after dark (June)  
Detailing plazas (June)  
The multi-building complex (June)  
A place to park (June)  
Redesigning outdoors (June)  
Servicing the complex (June)

#### **WOOD**

Cabinetry (May)  
Half-timber construction (Nov.)  
Man-made wood (May)  
Plywood (May)  
Trees and buildings (May)  
Veneer (May)  
Wood research (May)  
Wood: a tradition (May)

#### **MISCELLANEOUS**

The American architect: a profile (Jan.,  
Feb.)  
Designing for maintenance (Jan.)  
Rapid transit for San Francisco (Jan.)

# 1967

*The following monthly breakdown is designed to give A&E NEWS' readers a preview of what is in store for them editorially in the coming year. The editors chose the topics after pinpointing what they felt would become in 1967 crucial areas of activity in architectural technology and practice.*

#### **JANUARY**

##### **The Architecture of Storage**

Review of techniques of materials handling and storage in buildings.

#### **FEBRUARY**

##### **The Other Architect**

Series of background studies on architects who are active, but not as designers.

#### **MARCH**

##### **Modernization**

Review of techniques of modernizing structure, HVA/C, interiors, plumbing, lighting, elevators, and of restoring historic structures.

#### **APRIL**

##### **Building and Building Codes**

Building codes in America—where they differ and why.

#### **MAY**

##### **New Forms of Architectural Office Organization**

Issue will study domestic and foreign solutions to problems of office and firm organization, in response to a changing climate of architectural practice.

#### **JUNE**

##### **Building Components and Systems**

Review of present status of system design, with trends and case studies.

#### **JULY**

##### **Labor's Role in Building**

Impartial look at the way construction labor (union and non-union) influences architecture.

#### **AUGUST**

##### **The Cost of Architecture**

Effects of new building technology on costs and of costs on new building technology.

#### **SEPTEMBER**

##### **Services for the School**

A look at the techniques and equipment which form the backbone of the modern school.

#### **OCTOBER**

##### **Interiors—Lighting, Acoustics**

Review of advances in lighting and sound-conditioning interior spaces.

#### **NOVEMBER**

##### **Structure**

Review of trends in structure. Relationship between design and choice of structural material.

#### **DECEMBER**

##### **Building Research**

A look at current research needs and research activity.